

REMARKS/ARGUMENTS

Claims 1-14 and 16-20 remain pending in the application, as claim 15 has been canceled without prejudice. Applicants also submit an Information Disclosure Statement for the submission of prior art references. In the Office Action, claims 1-6, 10, 12-15 and 19 were rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,057,668 to Chao (Chao). In addition, claims 4, 5, 13 and 14 were rejected under 35 U.S.C. 103(a) as being unpatentable over Chao in view of U.S. Patent Application Publication No. 2002/0175658 to Watts (Watts). Claims 7-9, 11, 16 and 18 were rejected under 35 U.S.C. 103(a) as being unpatentable over Chao in view of U.S. Patent No. 6,320,354 to Sengupta (Sengupta). Finally, claim 20 was rejected under 35 U.S.C. 103(a) as being unpatentable over Sengupta in view of Chao.

Independent claims 1 and 10 have been amended to clarify that charging current is supplied to a battery through a first charging circuit and in response to selectively signaling the electronic device, a second charging circuit is disabled. Independent claims 19 and 20 have been similarly amended. Support for the amendment can be found in FIG. 1 and on page 5, line 22 to page 6, line 18. No new matter has been added in view of these amendments. None of the prior art references cited by the Examiner, either individually or in combination with one another, teach such a concept.

Independent claims 9 and 18 recite the element that an input/output line between an electronic device and a battery is selectively toggled between high and low states to indicate to the electronic device at least one parameter of the battery as the battery is receiving the charging current. The Examiner contends that it would have been obvious to one of ordinary skill in the art to combine the Sengupta system with the Chao system

to form the claimed invention. Applicants respectfully disagree and submit that the battery voltage input (416) does not provide an indication to a parameter of the battery (406) while the battery (406) is receiving charging current. In particular, Sengupta notes that “[t]he battery voltage input 416 acts as an input to the recharge controller 422 during those times that the switching element 412 has been switched to its non-conducting state...” (see col. 4, lines 26-29) (emphasis added). Moreover, Applicants submit that there is simply no motivation or suggestion to implement an input/output line in the Chao system that is selectively toggled to indicate a battery parameter. In fact, Chao teaches away from such a system because it seeks to transfer electrical energy through magnetic induction, rather than metal contacts, which are susceptible to poor contact (see Abstract and col. 1, lines 26-32 and col. 1, lines 42-46).

As such, Applicants submit that independent claims 1, 9, 10, 18, 19 and 20 are patentable over the prior art. Applicants also believe that those claims that depend from these independent claims are patentable, both based on their dependencies on the independent claims and their patentability on their own. Reconsideration and withdrawal of the rejection of the claims is respectfully requested. Passing of this case is now believed to be in order, and a Notice of Allowance is earnestly solicited.

No amendment made was related to the statutory requirements of patentability unless expressly stated herein. No amendment made was for the purpose of narrowing the scope of any claim, unless Applicants have argued herein that such amendment was made to distinguish over a particular reference or combination of references.

In the event that the Examiner deems the present application non-allowable, it is requested that the Examiner telephone the Applicants' attorney or agent at the number

indicated below so that the prosecution of the present case may be advanced by the clarification of any continuing rejection.

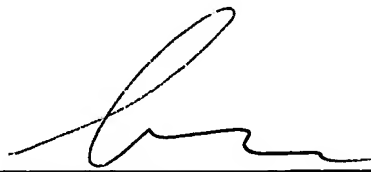
The Commissioner is hereby authorized to charge any necessary fee, or credit any overpayment, to Motorola, Inc. Deposit Account No. 50-2117.

Respectfully submitted,

SEND CORRESPONDENCE TO:

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Attachments